



## ***Work Order Bid (ID)***

WORK TO BE PERFORMED IN ACCORDANCE WITH 2011  
TENNESSEE WEATHERIZATION FIELD GUIDE and ANY  
LOCAL CODES. QUESTIONS SHOULD BE DIRECTED TO  
EAST TENNESSEE RESOURCE AGENCY -  
WEATHERIZATION DEPT.

### **WORK ORDER INFORMATION**

**Work Order Name:** WO/60006EA7313/2

**Work Order Type:** Weatherization

**Audit Name:** 60006EA7313 REV

### **CLIENT INFORMATION**

**Client ID:** 60006EA7313

### **AGENCY INFORMATION**

**Agency:** East Tennessee Human Resource Agency

**Address:** 9111 Cross Park Drive, Suite D100  
Knoxville, TN 37923

**Agency Phone:** (865) 691-2551

**Fax:** (865) 531-7216

**Email Address:**

**Company Name & License Number:** \_\_\_\_\_

**Contractor's Signature:** \_\_\_\_\_

### **COMMENT**

Certified Firm/Renovator Required  
Pre: 4495  
Post: 2500  
Auditor: Randy  
865-776-6651  
Year built: 1953  
Type of structure: site built  
Approx. SF: 1168

## Measures

Measure 1 Infiltration Redctn				Components			Inspected		
<b>Comment</b> Pre: 4495 Post: 2500 1) Clear caulk all window frames inside. W1 - W14: approx 180 LF of clear caulk. 2) Install new weatherstripping and new thresholds for D1 and D3. Each door is 32" x 80". 3) Seal plumbing underneath hall bathroom and kitchen sinks: total of 6 pipes to be sealed. 4) Replace windows W8, W9, W10 & W11 (28" X 37") with Vinyl Double Panes. Approximate size. Contractor to measure before ordering window with a high quality energy star qualified window. There are only storm windows in place right now. Storms must be removed after installation of double pane windows. (5) Replace broken window pane @ W7 (Middle Pane in Utility Room - 8"x16") (6) Replace DR2 with Metal Pre-Hung + DBL and new hardware.							<input type="checkbox"/>		
#	Material / Labor	Description / Comment	Units	Estimated		Actual			
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
10	Miscellaneous Su	Infiltration Reduction	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Other Detail</b>									
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Measure Sub Total:</b>						<input type="text"/>	<b>Sub Total:</b>		<input type="text"/>
<b>Field Notes:</b>          									

**Measure 2 User-Spec Ceiling R****Components A1****Inspected**

**Comment** Additional cost is to build insulation dam around hatch, insulate attic access door in bath to R-30, weatherstrip access and install (2) window type latches for proper air sealing. Install (4) eave vents for ventilation. Rigid baffles are to be installed in every joist or truss bay before blowing insulation.  
Also construct rigid foam thermal boundary where front porch meets attic ( 50 Sq. Ft.)

☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Attic Insulation - Cellulose, Blown - R-19	SqFt	1168	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Attic Insulation - Cellulose, Blown - R-19	SqFt	1168	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Miscellaneous Su	Added Misc Cost - Cellulose, Blown - R-19	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:****Measure 3 DWH Tank Insulation****Components****Inspected****Comment**☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Hot Water Equipm	DHW Tank Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	DHW Tank Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:**

**Measure 4 DWH Pipe Insulation****Components****Inspected****Comment** Insulate 6 Ln. Ft. @ Each Hot and Cold Water Line @ W/H☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	DHW Pipe Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	DHW Pipe Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:****Measure 5 Replace Htg. System****Components H1****Inspected****Comment** Install 1.5 ton Window Heat Pump in Living Room where window A/C is located now. 220v electric service already installed.☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Heating Equipmen	Replacement Furnace (not used) - 10 kBtu/h Oil Existing, 20 - 28 kBtu/h Elec Post	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Replacement Furnace (not used) - 10 kBtu/h Oil Existing, 20 - 28 kBtu/h Elec Post	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:**

**Measure 6 Floor Ins. R-19****Components F1****Inspected**

**Comment** Install R-19 fiberglass batts (808 Sq. Ft) NOTE: 360 Sq. Ft. of total 1168 Sq. Ft. cannot be insulated due to insufficient clearance. Floor joists are 2 " x 8 " on 16 inch centers.

☐

Additional cost is for air sealing rim joist with 2-part spray foam before insulation per TN Field Guide. (152 Ln. Ft.)

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Floor Insulation - Fiberglass Faced Batt - R-19	SqFt	808	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Floor Insulation - Fiberglass Faced Batt - R-19	SqFt	808	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Miscellaneous Su	Added Misc Cost	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:**

**Measure 7 Window Replacement****Components W6****Inspected**

**Comment** Storm Window only is present. Remove storm and replace with Vinyl Double Pane @ Bathroom.

☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Windows	Window Replacement	SqFt	2.396	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Window Replacement	SqFt	2.396	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Other	Window Replacement	Each Window	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:****Measure 8 Fix Improper Venting (Clothes Dryer)****Components****Inspected**

**Comment** Replace vinyl vent hose with rigid metal and vent to exterior.

☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Equipment	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Hour	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:**

**Measure 9 Fix Improper Venting Kitchen Exhaust Fan****Components****Inspected**

**Comment** Vent present range hood to exterior of attic ( 20 Ln. Ft.) Use insulated galvanized steel vent pipe.

☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Equipment	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Hour	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:****Measure 10 Install Bathroom Exhaust Fan****Components****Inspected**

**Comment** Install bath exhaust fan with light in place of existing light in bath. Vent to exterior with insulated galvanized steel pipe.

☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Bathroom exhaust fan	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Hour	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:**

**Measure 11 Practice Lead Safe Weatherization  
(Attic, Windows, Exhaust Fan)****Components****Inspected****Comment** Lead Safety Required for EPA-RRP.☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Equipment	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Hour	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:****Measure 12 PressureRelief Piping Needed****Components****Inspected****Comment** Install per TN Field Guide☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Pressure relief piping	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:**



**Measure 13 Vapor Barrier (808 Sq. Ft. of accessible crawl space)****Components****Inspected****Comment** Install 808 Sq. Ft. Vapor Barrier. The remaining 360 Sq. Ft. is inaccessible due to insufficient clearance.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
10	Unspecified	Misc Material	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:** **Sub Total:** **Field Notes:****Work Order Grand Total:** **Grand Total:**